

Message

From: Wayne Miller [Miller.Wayne@azdeq.gov]
Sent: 6/21/2016 7:54:10 PM
To: d'Almeida, Carolyn K. [dAlmeida.Carolyn@epa.gov]
Subject: 2016-6-21 - Williams AFB - thanks - request LNAPL removal clarification - ST012

Thank you

From: d'Almeida, Carolyn K. [mailto:dAlmeida.Carolyn@epa.gov]
Sent: Tuesday, June 21, 2016 12:52 PM
To: Wayne Miller <Miller.Wayne@azdeq.gov>; steve <steve@uxopro.com>
Cc: Davis, Eva <Davis.Eva@epa.gov>; Dan Pope <DPope@css-dynamac.com>; Brasaemle, Karla <KBrasaemle@TechLawInc.com>
Subject: 2016-6-21 - Williams AFB - request LNAPL removal clarification - cda epa

Wayne,

I think your numbers are consistent with what both Eva and Karla report that Gorm said to them "there could still be a million gallons of NAPL left out there in the subsurface."

Carolyn

From: Wayne Miller [mailto:Miller.Wayne@azdeq.gov]
Sent: Tuesday, June 21, 2016 9:33 AM
To: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>
Cc: steve <steve@uxopro.com>
Subject: 2016-6-21 - Williams AFB - request LNAPL removal clarification -

Am I way off base on the below numbers? 1,066,271 gallons remediated of 2,200,000 gallons released.
I have not received USAF response, but I believe Cathy has been tied up.

From: Wayne Miller
Sent: Wednesday, June 15, 2016 5:28 PM
To: 'JERRARD, CATHERINE V GS-13 USAF HAF AFCEC/CIBW' <catherine.jerrard@us.af.mil>
Cc: steve <steve@uxopro.com>
Subject: 2016-6-15 - Williams AFB - request LNAPL removal clarification -

Can you please clarify the JP-4/AVGAS quantity (gallons) removed via remedial actions? Was requested to find simple quantity answer.

So...1,066,271 gallons remediated of 2,200,000 gallons released?

The most recent estimate of LNAPL volume in the saturated zone of 2,200,000 gallons was established in 2008 prior to the TEE Pilot Test (BEM, 2011). [From ST012 RODA; dated Sept 2013; Section 3.2.3 LNAPL at ST012; page 3-5]

Since 1990 ...approximately 671,000 gallons of fuel have been removed from the site... [From ST012 RODA; dated Sept 2013; Section 3.2.4 Contaminant Removal; page 3-6]

Presume the 2,648,316 lbs converts to 395,271 gallons. [5/18/2016 BCT call; Site ST012 SEE System Status Summary (through 29 April); page 4 - Total Vapor and Liquid Mass Removal (based on PID readings)]

Thanks.

Wayne Miller
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Waste Programs Division,
Remedial Projects Section,
Federal Projects Unit

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